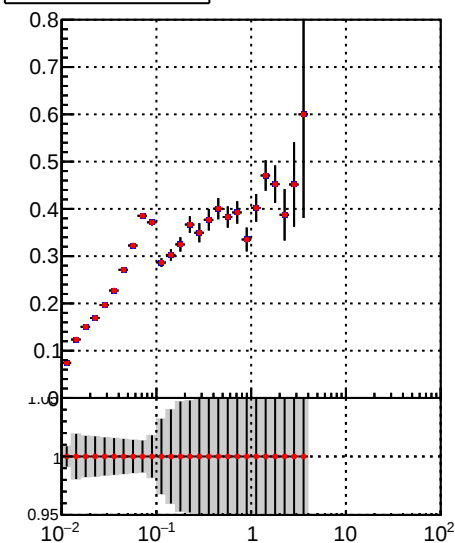
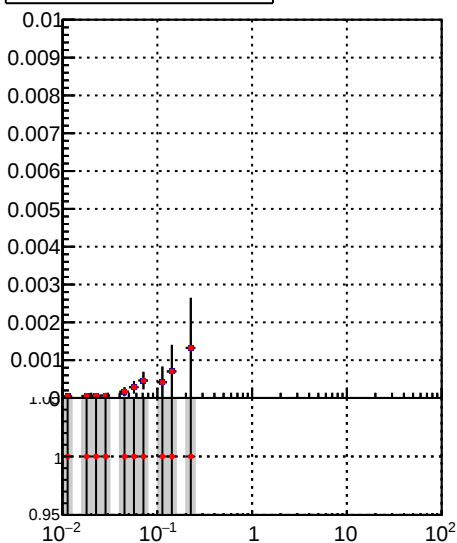


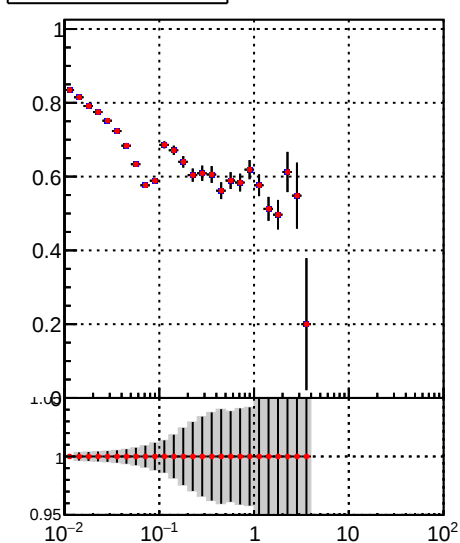
Fake rate vs vertpos



Duplicates Rate vs vertpos



Pileup rate vs vertpos



/data2/legianni/JSON-bkwd-fwd/no-modif/CMSSW_13_0_X_2023-01-24-1100/src/DQM_original

DQM_modified

Plot of Fake rate vs vertpos. The x-axis is linear, ranging from -30 to 30. The y-axis ranges from 0.95 to 1.0. Data points (red dots with error bars) show a decreasing trend from approximately 0.85 at -30 to 0.15 at 0, then increasing to 0.65 at 30. A horizontal red line is at y=1.0. A histogram shows the distribution of data points, with a peak around 0.

Plot of Duplicates Rate vs vertpos. The x-axis is linear, ranging from -30 to 30. The y-axis ranges from 0.95 to 0.01. Data points (red dots with error bars) show a decreasing trend from approximately 0.001 at -30 to 0.0015 at 0, then increasing to 0.0015 at 30. A horizontal red line is at y=1.0. A histogram shows the distribution of data points, with a peak around 0.

Plot of Pileup rate vs vertpos. The x-axis is linear, ranging from -30 to 30. The y-axis ranges from 0.95 to 1.0. Data points (red dots with error bars) show a decreasing trend from approximately 0.85 at -30 to 0.15 at 0, then increasing to 0.65 at 30. A horizontal red line is at y=1.0. A histogram shows the distribution of data points, with a peak around 0.

Fake rate vs. sim PV z

Plot of Fake rate vs. sim PV z. The x-axis is linear, ranging from -20 to 20. The y-axis ranges from 0.95 to 0.5. Data points (red dots with error bars) show a decreasing trend from approximately 0.2 at -15 to 0.15 at 0, then increasing to 0.25 at 15. A horizontal red line is at y=1.0. A histogram shows the distribution of data points, with a peak around 0.

Duplicates Rate vs sim PV z

Plot of Duplicates Rate vs sim PV z. The x-axis is linear, ranging from -5 to 20. The y-axis ranges from 0.95 to 0.01. Data points (red dots with error bars) show a decreasing trend from approximately 0.001 at -5 to 0.0015 at 0, then increasing to 0.0015 at 20. A horizontal red line is at y=1.0. A histogram shows the distribution of data points, with a peak around 0.

Pileup rate vs. sim PV z

Plot of Pileup rate vs. sim PV z. The x-axis is linear, ranging from -20 to 20. The y-axis ranges from 0.95 to 1.0. Data points (red dots with error bars) show a decreasing trend from approximately 0.85 at -15 to 0.15 at 0, then increasing to 0.65 at 15. A horizontal red line is at y=1.0. A histogram shows the distribution of data points, with a peak around 0.